

CURRICULUM VITAE

Full name

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1. Personal Data

Date of Birth: 1982

Nationality: Jordan

2. Education

- Ph.D. (Pharmaceutical Microbiology) 2019, Queen's University Belfast, Belfast, Northern Ireland, UK
- M.Sc. (Pharmaceutical Sciences) 2013, Al-Zaytoonah University of Jordan, Amman, Jordan
- B.Sc. (Pharmacy) 2005, An-Najah National University, Nablus, Palestine

3. Ph.D. Dissertation

Polymyxin-Mimetic Peptides for Improved Antimicrobial Activity, Queen's University Belfast, Belfast, Northern Ireland, UK



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4. Employment

Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
March, 23rd, 2019 - now

Administrative Positions

- NA

5. Research Interests

- Development of antimicrobial compounds for biomedical applications based on peptides.
- Development of novel approaches for biofilm control in chronic infections (ultrashort antimicrobial peptides and bio-discovery from plant and marine extracts).
- Biomaterial and drug delivery.

6. Membership in Scientific Societies and Associations

NA

7. Honors and Awards

NA

8. Fellowships and Scholarships

PhD Scholarship from Al-Zaytoonah University of Jordan (2015 – 2019).

9. Teaching Experience

- *Graduate Courses*

NA



- ***Undergraduate Courses***

Pharmaceutical Microbiology I
 Pharmaceutical Microbiology II
 Pharmaceutical Microbiology- Practical Course
 Pharmaceutics III
 Medicinal Chemistry- Practical course
 Pharmaceutical Communication Skills
 Legislations and Pharmaceutical Ethics

10. Supervision of Graduate Research

NA

11. Grants

The development and characterization of urological hydrogel to minimize microbial adhesion and encrustation – Al-Zaytoonah University of Jordan.

Development and Optimization of Ciprofloxacin HCl Nanoemulsion-loaded Two Bigels – Al-Zaytoonah University of Jordan.

12. Patents

NA

13. Membership of Committees

- **University**
 - *Scientific Research Committee*
 - *Social, Cultural and Sport activities Committee*
 - *Equivalency and Guidance Committee*

14. Professional and Scientific Meetings

Scientific Meetings Organized

- Al-Zaytoonah International Pharmaceutical Conference (ZIPC 2022), Amman, Jordan, 18-19th of October, 2022.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2019), Amman, Jordan, 6-7th of November, 2019.



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- QUB Global Health Symposium, 27th April, 2017. Belfast, United Kingdom
- APS Stimulating Antimicrobial Innovation, 22nd October, 2015. London, United Kingdom.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2013), Amman, Jordan, November, 2013.

Participation in Scientific meetings

- Poster- Jordanian reception, 3rd March, 2016. Belfast, United Kingdom Polymyxin-mimetic Peptides Targeting Gram-negative Bacteria. Rawan Huwaitat, Brendan Gilmore, Garry Laverty. School of Pharmacy, Queen's University Belfast.

15. Participation in or organization of curricular and/or extra-curricular activities

- The fourth Alumni reunion held in Al-Zaytoonah University of Jordan campus, April 2019.

16. Publications

Provide numbered lists of:

- Alsharedeh, R. H., Alshraiedeh, N., **Huwaitat, R.**, Alqatan, M., Esra'O, T., Alrosan, A. Z., & Heilat, G. B. (2022). *Public perceptions of the COVID-19 Pandemic: A National Cross-sectional Study*. Research Journal of Pharmacy and Technology, 15(9), 4119-4127.
- Tarawneh, O., Hamadneh, I., **Huwaitat, R.**, Al-Assi, A.R. and El Madani, A. (2021). *Characterization of Chlorhexidine-Impregnated Cellulose-Based Hydrogel Films Intended for the Treatment of Periodontitis*. BioMed Research International, 2021.
- **Huwaitat, R.**, Coulter, S. M., Porter, S. L., Pentlavalli, S., & Laverty, G. (2020). *Antibacterial and antibiofilm efficacy of synthetic polymyxin-mimetic lipopeptides*. Peptide Science, 2020, e24188.
- Hamadneh, L., Hikmat, S., Al-Samad, L. A., **Huwaitat, R.**, Dima Sabbah, D., Hamadneh, I., & Al-Dujaili A. H. (2019). *Synthesis, characterization and antimicrobial activity of novel symmetrical and unsymmetrical thiadiazol derivatives as potential carbonic anhydrase inhibitor in E. coli*, Journal of Global Pharma Technology, 11(2), 2019, 171- 180.



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- Rafferty, J., Nagaraj, H., P McCloskey, A., **Huwaitat, R.**, Porter, S., Albadr, A., & Lavery, G. (2016). *Peptide therapeutics and the pharmaceutical industry: barriers encountered translating from the laboratory to patients*, Current Medicinal Chemistry, 23(37), 4231-4259.
- **Huwaitat, R.**, McCloskey, A. P., Gilmore, B. F., & Lavery, G. (2016). *Potential strategies for the eradication of multidrug-resistant Gram-negative bacterial infections*, Future Microbiology, 11(7), 955-972.
- Ghassan, F. S., Ghassan, M. A., Tariq, M., **Huwaitat, R.**, Waseem, E. H., Khalaf, R. A. Al-Hiari, Y. M., Jasim, S. H., & Hamadaneh, L. (2015). *Novel Pyrrole Derivatives as Potent lipid-Lowering Agents in Triton-WR-1339-Induced Hyperlipidemic Rats*, Latin American Journal of Pharmacy, 34(6), 1258-1264.